

***Streptococcus gallolyticus* subsp. *gallolyticus*, Strain TX20005**

Catalog No. HM-272

Product Description:

Streptococcus gallolyticus (*S. gallolyticus*) subsp. *gallolyticus*, strain TX20005 was isolated from a human heart. HM-272 lot 70049062 was produced by the inoculation of BEI Resources seed lot 59376925 into Tryptic Soy broth and incubated for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar kolles, which were grown for 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Note: Quality control of HMP material is only performed to demonstrate that the material distributed by BEI Resources is identical to the deposited material. It should not be considered a complete characterization of the deposited organism.

Lot: 70049062

Manufacturing Date: 07JAN2022

TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount)	Gram-positive cocci Report results Non-motile	Gram-positive cocci Circular, low convex, entire, smooth and cream (Figure 1) Non-motile
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1450 base pairs)	≥ 99% sequence identity to <i>S. gallolyticus</i> subsp. <i>gallolyticus</i> , strain TX20005 (GenBank: AEEM01000001)	99.9% sequence identity to <i>S. gallolyticus</i> subsp. <i>gallolyticus</i> , strain TX20005 (GenBank: AEEM01000001) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with and without 5% CO ₂ on Tryptic Soy agar	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Streptococcus* species

Figure 1: Colony Morphology



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